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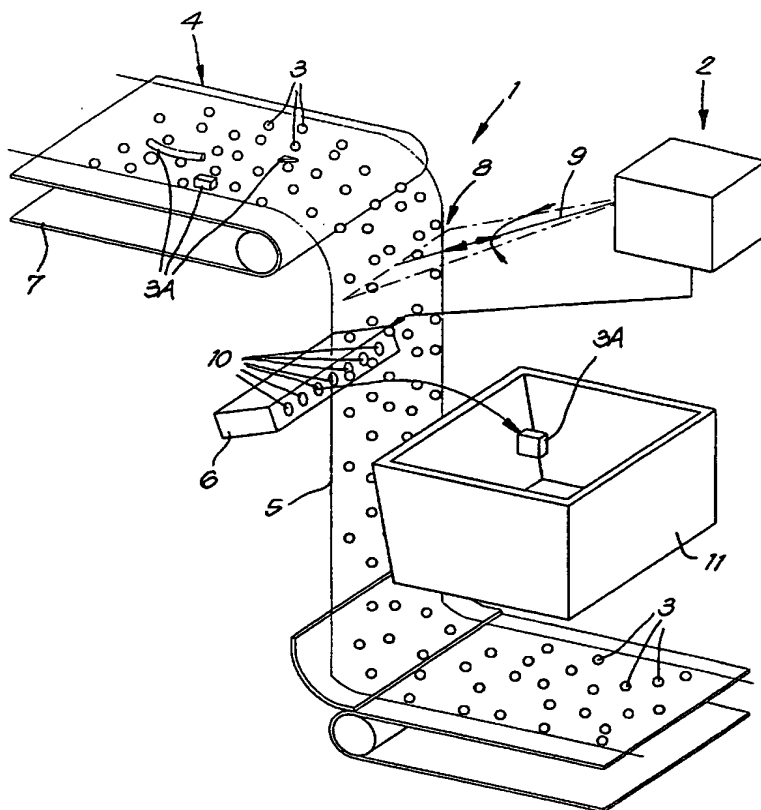
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(54) Title: **SORTING DEVICE**



(57) Abstract: Sorting device, provided with an inspection unit (2), where products (3-3A) to be sorted are inspected on their acceptability, a transport system (4) feeding a product flow (5) of products (3-3A) to be sorted to the inspection unit (2), and a rejection unit (6) taking unacceptable products (3-3A) out of the product flow (5), characterized in that the inspection unit (2), at the sending side, is provided with at least two sources, more particularly light sources (17-18-32), for generating electromagnetic radiation, more particularly light (L1-L2-L3), as well as with means, making use of waveguide technology, for having the electromagnetic radiation meet the products (3-3A) to be sorted, whereby these means function as an alignment system for the radiation originating from the aforementioned sources (17-18-32).

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